# 统一权限平台接口设计

|  |  |  |  |
| --- | --- | --- | --- |
| **版本** | **日期** | **修订人** | **修订原因** |
| V1.0 | 2018-5-16 | 王宓 | 初始创建 |
| V1.1 | 2018-6-7 | 王宓 | 修改端口为80，所有接口添加.api后缀，调整接口字段 |
| V1.4 | 2019-7-2 | 王宓 | 新增查询数据权限详情接口 |
| V1.5 | 2019-7-9 | 王宓 | 更新接口 |
| V1.6 | 2019-7-12 | 王宓 | 新增修改密码接口 |

目录

[统一权限平台接口设计 1](#_Toc13835184)

[1. 前置条件 2](#_Toc13835185)

[1.1. 参数编码 2](#_Toc13835186)

[1.2. 统一URL后缀 2](#_Toc13835187)

[1.3. MQ发送全局参数 2](#_Toc13835188)

[1.4. 远程RPC调用统一返回结果 2](#_Toc13835189)

[1.5. 远程RPC状态码 2](#_Toc13835190)

[2. 统一授权平台系统 4](#_Toc13835191)

[2.1. 登录接口 4](#_Toc13835192)

[2.2. 登出接口 5](#_Toc13835193)

[2.3. 鉴权接口 6](#_Toc13835194)

[2.4. 系统权限查询接口 6](#_Toc13835195)

[2.5. 菜单权限查询接口 7](#_Toc13835196)

[2.6. 资源权限查询接口 8](#_Toc13835197)

[2.7. 数据权限查询接口 8](#_Toc13835198)

[2.8. 数据权限详情查询接口 11](#_Toc13835199)

[2.9. 分页查询用户查询接口 13](#_Toc13835200)

[2.10. 修改密码接口 18](#_Toc13835201)

# 前置条件

* 1. 参数编码

请求参数与返回结果均以UTF8进行编码

* 1. 统一URL后缀

服务端URL后缀统一为 \***.api**

* 1. MQ发送全局参数

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **参数** | **参数名** | **类型** | **是否必须** | **默认值** | **描述** |
| data | 业务数据 | Object | 否 |  |  |
| type | 参数类型 | String | 是 | json | json、bin或xml |
| from | 消息发送者 | String | 是 |  | 电子结算:settlement  神农:toll  CRM: crm  积分系统: points |
| to | 消息接收者 | String | 否 |  |  |
| sendTime | 消息发送时间 | Date String(yyyy-MM-dd HH:mm:ss) | 是 |  |  |

* 1. 远程RPC调用统一返回结果

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **参数** | **参数名** | **类型** | **是否必须** | **默认值** | **描述** |
| code | 业务状态码 | String | 是 |  | 200代表成功，其它表示失败，具体状态码请查看1.4远程RPC状态码 |
| success | 是否调用成功 | Boolean | 是 |  | true/false |
| message | 业务消息 | String | 否 |  | code!=200时表示具体失败原因 |
| result | 业务消息 | String | 否 |  | 等同于messsage，兼容属性，不建议使用了 |
| data | 返回的业务数据 | Object | 是 |  |  |
| metadata | 返回的元数据 | Object | 否 |  |  |

* 1. 远程RPC状态码

Code为200表示成功，错误时errorMsg字段表示错误详情。

1000: 输入参数错误(输入参数类型、值、null等错误)

2000: 权限错误(未登录，数据权限不满足，功能权限不满足等错误)

3000: 业务逻辑或数据错误(未查询到数据，数据验证不通过，数据发生变化等错误)

5000: 服务器内部错误(系统错误，代码BUG,系统间调用超时等错误)

其它: 可双方协商自定义

# 统一授权平台系统

* 1. 登录接口

**接口**URL: http://uap.diligrp.com/authenticationApi/login.api

**功能:** 统一授权登录，供外部系统调用，返回登录用户信息，参数使用RSA加密

**JAVA版公钥**: MFwwDQYJKoZIhvcNAQEBBQADSwAwSAJBALZhAQucXIickkQKnIUmEEebZxM7Cjv3StBYNXVQSijz8BEw+R60KnAz3oEcKImZvAEqVQNjCmXdIgRxVPzO8DUCAwEAAQ==

**C#版公钥**: <RSAKeyValue><Modulus>tmEBC5xciJySRAqchSYQR5tnEzsKO/dK0Fg1dVBKKPPwETD5HrQqcDPegRwoiZm8ASpVA2MKZd0iBHFU/M7wNQ==</Modulus><Exponent>AQAB</Exponent></RSAKeyValue>

**入参类型:** 登录信息JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| userName | String | 50 | 是 |  | 用户名 |
| password | String | 20 | 是 |  | 密码 |

**入参示例:**

**{**

userName : ”admin”,

password : ”123456”

**}**

**返回值data参数类型:** 登录结果JSON串

**返回参数说明:**

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **描述** |
| sessionId | String |  | 客户证件号 |
| loginPath | String |  | 登录来源地址  用于登录后跳转 |
| user | com.dili.uap.domain  .User |  | 用户对象json串 |

**User参数说明:**

|  |  |  |
| --- | --- | --- |
| **名称** | **类型** | **描述** |
| id | Long | 用户id |
| userName | String | 登录用户名 |
| firmCode | Long | 所属市场编码 |
| departmentId | Long | 所属部门id |
| departmentName | String | 部门名称 |
| created | Date | 创建时间 |
| modified | Date | 修改时间 |
| state | Integer | 状态:  0：已禁用  1：正常  2：已锁定  3：未激活 |
| realName | String | 真实姓名 |
| serialNumber | String | 用户编号 |
| position | String | 职位 |
| cardNumber | String | 卡号 |
| cellphone | String | 手机号 |
| email | String | 邮箱 |

**返回参数示例:**

{

"code": "200",

"data": {

"loginPath": "/",

"sessionId": "506553e4-b4cb-4ecb-8898-339f30744fcf",

"user": {

"cardNumber": "123456789000",

"cellphone": "13888888888",

"created": "2018-05-21 09:44:29",

"departmentId": 9,

"description": "超级管理员",

"email": "uapi@diligrp.com",

"firmCode": "group",

"id": 1,

"modified": "2018-06-07 09:02:01",

"password": "178591FD5BB0C24851",

"position": "职位",

"realName": "系统管理员",

"serialNumber": "",

"state": 1,

"userName": "admin"

}

},

"result": "登录成功",

"success": true

}

* 1. 登出接口

**接口**URL: http://uap.diligrp.com/authenticationApi/logout.api

**功能:** 根据客户证件号码查询客户积分明细，按创建时间降序查询

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
|  |  |  |  |  |  |

**入参示例:**

{

userName : “admin”

}

**返回状态码和结果消息**

**返回参数示例:**

{

code: 200,

result: “登出成功”

}

* 1. 鉴权接口

**接口**URL: http://uap.diligrp.com/authenticationApi/authentication.api

**功能:** 根据sessionId判断用户是否登录

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
|  |  |  |  |  |  |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”

}

**返回用户是否登录的布尔值**

**返回参数示例:**

{

code: 200,

result: “已登录”

data : true

}

* 1. 系统权限查询接口

**接口**URL: http://uap.diligrp.com/authenticationApi/listSystems.api

**功能:** 根据sessionId获取系统权限列表，如果未登录将返回空

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
|  |  |  |  |  |  |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”

}

**返回值data参数类型:** 菜单JSONArray串

**返回参数说明:**

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **描述** |
| id | Long |  | 主键 |
| parentId | Long |  | 上级系统id |
| name | String | 50 | 名称 |
| code | String | 50 | 编码 |
| description | String | 255 | 描述 |
| created | Date |  | 创建时间 |
| modified | Date |  | 修改时间 |
| type | Integer |  | 类型  1:内部系统  2:外部系统 |
| isClient | Integer |  | 是否C端 |

* 1. 菜单权限查询接口

**接口**URL: http://uap.diligrp.com/authenticationApi/listMenus.api

**功能:** 根据sessionId获取菜单权限列表，如果未登录将返回空

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
| systemId | String |  | 否 |  | 系统id |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”,

systemId: “1”

}

**返回值data参数类型:** 菜单JSONArray串

**返回参数说明:**

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **描述** |
| id | Long |  | 主键 |
| parentId | Long |  | 上级菜单id |
| systemId | Long |  | 所属系统id |
| orderNumber | Integer |  | 排序号 |
| url | String | 255 | 菜单url |
| name | String | 50 | 名称 |
| description | String | 255 | 描述 |
| Target | Integer |  | 打开链接的位置  0:当前窗口，1:新开窗口 |
| created | Date |  | 创建时间 |
| modified | Date |  | 修改时间 |
| type | Integer |  | 类型:  0:目录，1:链接，2:内链 |
| iconCls | String | 40 | 菜单图标Class |
| shortcut | Integer |  | 是否快捷菜单 |

* 1. 资源权限查询接口

**接口**URL: http://uap.diligrp.com/authenticationApi/listResources.api

**功能:** 根据sessionId获取菜单权限列表，如果未登录将返回空

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
|  |  |  |  |  |  |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”

}

**返回值data参数类型:** 菜单JSONArray串

**返回参数说明:**

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **描述** |
| id | Long |  | 主键 |
| name | String | 50 | 名称 |
| description | String | 255 | 描述 |
| menuId | Long |  | 菜单id |
| code | String | 255 | 编码 |
| created | Date |  | 创建时间 |
| modified | Date |  | 修改时间 |
|  |  |  |  |

* 1. 数据权限查询接口

**接口**URL: http://uap.diligrp.com/authenticationApi/listDataAuthes.api

**功能:** 根据sessionId和refCode获取数据权限列表，如果未登录将返回空

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
| refCode | String |  | 否 |  | 数据权限类型编码,取值范围:  dataRange  department  market |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”,

refCode:”market”

}

**返回值data参数类型:** 数据权限JSONArray串

**返回参数说明:**

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **描述** |
| id | Long |  | 主键 |
| refCode | String |  | 数据权限类型编码,取值范围:  dataRange  department  market |
| userId | String |  | 用户id |
| value | String |  | 数据权限值 |

返回示例:

{

"code": "200",

"data": [

{

"id": 113,

"refCode": "dataRange",

"userId": 1,

"value": "0"

},

{

"id": 114,

"refCode": "market",

"userId": 1,

"value": "group"

},

{

"id": 115,

"refCode": "market",

"userId": 1,

"value": "hd"

},

{

"id": 116,

"refCode": "market",

"userId": 1,

"value": "cd"

},

{

"id": 117,

"refCode": "market",

"userId": 1,

"value": "qqhe"

},

{

"id": 118,

"refCode": "market",

"userId": 1,

"value": "mdj"

},

{

"id": 119,

"refCode": "market",

"userId": 1,

"value": "gy"

},

{

"id": 120,

"refCode": "market",

"userId": 1,

"value": "cc"

},

{

"id": 121,

"refCode": "market",

"userId": 1,

"value": "sg"

},

{

"id": 122,

"refCode": "market",

"userId": 1,

"value": "sy"

}

],

"result": "调用成功",

"success": true

}

* 1. 数据权限详情查询接口

**接口**URL: http://uap.diligrp.com/authenticationApi/ listDataAuthDetails.api

**功能:** 根据sessionId和refCode获取数据权限详情列表，如果未登录将返回空

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | String |  | 是 |  | 会话id |
| refCode | String |  | 否 |  | 数据权限类型编码,取值范围:  dataRange  department  market |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”,

refCode:”market”

}

**返回值data参数类型:**

数据权限Map. key为数据权限id, 值为数据权限转义后的行数据

**返回参数示例:**

{

"code": "200",

"data": {

"cc": {

"modified": "2018-07-19 00:44:25",

"created": "2018-07-18 23:27:59",

"code": "cc",

"parentId": 1,

"description": "cc",

"name": "长春",

"id": 7

},

"cd": {

"modified": "2018-05-26 06:14:29",

"created": "2018-05-23 05:38:04",

"code": "cd",

"parentId": 1,

"description": "cd",

"name": "成都",

"id": 3

},

"gy": {

"modified": "2018-07-18 23:27:34",

"created": "2018-07-18 23:27:29",

"code": "gy",

"parentId": 1,

"description": "gy",

"name": "贵阳",

"id": 6

},

"mdj": {

"modified": "2018-06-26 03:53:30",

"created": "2018-06-26 03:53:30",

"code": "mdj",

"parentId": 1,

"description": "mdj",

"name": "牡丹江",

"id": 5

},

"sg": {

"modified": "2018-07-19 06:47:48",

"created": "2018-07-19 06:47:42",

"code": "sg",

"parentId": 1,

"description": "sg",

"name": "寿光",

"id": 8

},

"sy": {

"modified": "2018-07-19 23:09:47",

"created": "2018-07-19 23:09:47",

"code": "sy",

"parentId": 1,

"description": "sy",

"name": "沈阳",

"id": 9

},

"qqhe": {

"modified": "2018-06-26 03:51:00",

"created": "2018-06-26 03:51:00",

"code": "qqhe",

"parentId": 1,

"description": "qqhe",

"name": "齐齐哈尔",

"id": 4

},

"hd": {

"modified": "2018-05-26 06:14:26",

"created": "2018-05-23 05:38:11",

"code": "hd",

"parentId": 1,

"description": "hd",

"name": "哈达",

"id": 2

},

"group": {

"modified": "2019-04-24 22:52:42",

"created": "2018-05-23 23:52:43",

"code": "group",

"description": "group",

"name": "集团",

"id": 1

}

},

"result": "调用成功",

"success": true

}

* 1. 分页查询用户查询接口

**接口**URL: http://uap.diligrp.com/userApi/listByExample.api

**功能:** 根据用户信息获取数据权限列表

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| page | int |  | 否 |  | 当前页，从1开始 |
| rows | int |  | 否 |  | 每页条数 |
| id | Long |  | 否 |  | 用户id |
| userName | String |  | 否 |  | 登录用户名 |
| firmCode | Long |  | 否 |  | 所属市场编码 |
| departmentId | Long |  | 否 |  | 所属部门id |
| departmentName | String |  | 否 |  | 部门名称 |
| created | Date |  | 否 |  | 创建时间 |
| modified | Date |  | 否 |  | 修改时间 |
| state | Integer |  | 否 |  | 状态:  0：已禁用  1：正常  2：已锁定  3：未激活 |
| realName | String |  | 否 |  | 真实姓名，模糊查询 |
| serialNumber | String |  | 否 |  | 用户编号 |
| position | String |  | 否 |  | 职位 |
| cardNumber | String |  | 否 |  | 卡号 |
| cellphone | String |  | 否 |  | 手机号 |
| email | String |  | 否 |  | 邮箱 |

**入参示例:**

{

page : 1,

rows : 10,

id : 1

}

**返回值data参数类型:** PageOutput串

**返回参数说明:**

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **长度** | **描述** |
| page | int |  | 当前页，从1开始 |
| rows | int |  | 每页条数 |
| Total | Int |  | 总记录数 |
| result | String |  | 返回消息 |
| success | Boolean |  | 是否调用成功 |
| code | Int |  | 响应编码，200代表成功 |
| Data | JSONArray |  | 用户列表数据 |

**User字段说明:**

|  |  |  |
| --- | --- | --- |
| **名称** | **类型** | **描述** |
| id | Long | 用户id |
| userName | String | 登录用户名 |
| firmCode | Long | 所属市场编码 |
| departmentId | Long | 所属部门id |
| departmentName | String | 部门名称 |
| created | Date | 创建时间 |
| modified | Date | 修改时间 |
| state | Integer | 状态:  0：已禁用  1：正常  2：已锁定  3：未激活 |
| realName | String | 真实姓名 |
| serialNumber | String | 用户编号 |
| position | String | 职位 |
| cardNumber | String | 卡号 |
| cellphone | String | 手机号 |
| email | String | 邮箱 |

返回参数示例:

{

"code": "200",

"data": [

{

"cardNumber": "123456789000",

"cellphone": "13888888888",

"created": "2018-05-21 22:44:29",

"description": "超级管理员",

"email": "uap@diligrp.com",

"firmCode": "group",

"id": 1,

"locked": "2019-04-22 10:58:42",

"modified": "2019-04-23 15:24:23",

"password": "178591FD5BB0C24851",

"position": "职位",

"realName": "超级管理员",

"serialNumber": "",

"state": 1,

"userName": "admin"

},

{

"cardNumber": "234242424242424256",

"cellphone": "17777777770",

"created": "2018-06-08 07:29:54",

"description": "111",

"email": "hongbo@diligrp.com",

"firmCode": "group",

"id": 12,

"modified": "2019-04-03 03:32:51",

"password": "7AF616DA1623E8C998",

"position": "11",

"realName": "洪波",

"state": 1,

"userName": "hongbo"

},

{

"cellphone": "18108087570",

"created": "2018-06-14 22:39:55",

"description": "$%$",

"email": "wangmi@diligrp.com",

"firmCode": "cd",

"id": 15,

"locked": "2018-06-22 23:00:00",

"modified": "2018-07-17 05:22:36",

"password": "178591FD5BB0C24851",

"realName": "王宓",

"serialNumber": "000",

"state": 1,

"userName": "wangmi"

},

{

"cellphone": "13000000000",

"created": "2018-06-21 00:36:45",

"email": "wangguofeng@diligrp.com",

"firmCode": "hd",

"id": 16,

"modified": "2018-06-21 00:37:04",

"password": "B48CCF5018517EF115",

"realName": "国锋",

"serialNumber": "000",

"state": 1,

"userName": "wangguofeng"

},

{

"cellphone": "13309876543",

"created": "2018-07-26 23:53:41",

"departmentId": 9,

"email": "linmei123@diligrp.com",

"firmCode": "group",

"id": 19,

"locked": "2018-10-23 06:20:33",

"modified": "2018-10-23 06:21:13",

"password": "18965EB72C92A549DD",

"realName": "婧婧",

"serialNumber": "000",

"state": 1,

"userName": "wanglinmei"

},

{

"cellphone": "13112345678",

"created": "2018-07-27 05:21:42",

"departmentId": 4,

"email": "hadaceshi@diligrp.com",

"firmCode": "hd",

"id": 20,

"modified": "2018-07-28 03:25:05",

"password": "18965EB72C92A549DD",

"realName": "哈达测试",

"serialNumber": "000",

"state": 1,

"userName": "hd\_test"

},

{

"cellphone": "13112345679",

"created": "2018-07-27 05:22:22",

"departmentId": 2,

"email": "chengdouceshi@diligrp.com",

"firmCode": "cd",

"id": 21,

"modified": "2018-10-19 05:57:56",

"password": "18965EB72C92A549DD",

"realName": "成都测试",

"serialNumber": "000",

"state": 1,

"userName": "cd\_test"

},

{

"cellphone": "13112345670",

"created": "2018-07-27 05:27:34",

"email": "qiqiceshi@diligrp.com",

"firmCode": "qqhe",

"id": 22,

"modified": "2018-07-28 03:26:57",

"password": "18965EB72C92A549DD",

"realName": "齐齐测试",

"serialNumber": "000",

"state": 1,

"userName": "qqhe\_test"

},

{

"cellphone": "13112345677",

"created": "2018-07-27 05:28:06",

"email": "mudanjiangceshi@diligrp.com",

"firmCode": "mdj",

"id": 23,

"modified": "2018-07-28 03:21:09",

"password": "18965EB72C92A549DD",

"realName": "牡丹江测试",

"serialNumber": "000",

"state": 1,

"userName": "mdj\_test"

},

{

"cellphone": "13112345676",

"created": "2018-07-27 05:28:42",

"email": "guiyangceshi@diligrp.com",

"firmCode": "gy",

"id": 24,

"modified": "2018-07-27 05:28:42",

"password": "3949BA59ABBE56E057",

"realName": "贵阳测试",

"serialNumber": "000",

"state": 3,

"userName": "gy\_test"

}

],

"page": 1,

"pageSize": 10,

"result": "OK",

"success": true,

"total": 20

}

* 1. 修改密码接口

**接口**URL: http://uap.diligrp.com/authenticationApi/changePwd.api

**功能:** 根据sessionId和原始密码更新用户登录密码

**入参类型:** JSON串

**入参说明:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **参数** | **参数名** | **类型** | **长度** | **是否必须** | **默认值** | **描述** |
| sessionId | 会话id | String |  | 是 |  |  |
| oldPassword | 原始密码 | String | 6-20 | 是 |  |  |
| newPassword | 新密码 | String | 6-20 | 是 |  |  |
| confirmPassword | 确认密码 | String | 6-20 | 是 |  |  |

**入参示例:**

{

sessionId : “616d4219-3e52-4297-bffb-4fadd25f4090”,

oldPassword:”123456”,

newPassword:”12345678”,

confirmPassword:”12345678”

}

**返回值data参数:**

无

**返回参数示例:**

{

"code": "200",

"message":”修改密码成功”,

"result": "修改密码成功",

"success": true

}